

What is claimed is:

Claim 1

1. A livestock blow dryer, comprising:
a blower housing having an air inlet opening and an air outlet opening, the blower housing having a filter holding section near the air inlet opening;
at least one blower motor within the blower housing, the at least one blower motor having a capacity for blow drying livestock; and
an air filter cartridge adapted to be removably mounted within the filter holding section.
2. The livestock blow dryer of claim 1, wherein the filter cartridge comprises:
a perimeter section; and
a filter section within the perimeter section.
3. The livestock blow dryer of claim 2, wherein the filter cartridge further comprises a tab attached to the perimeter section for removing the filter cartridge from the filter holding section.
4. The livestock blow dryer of claim 1, wherein the blower housing has a cylindrical shape having the air inlet opening at a first end and the air outlet opening at a second end, and wherein the filter cartridge has a circular shape having approximately the same diameter as the cylindrical blower housing.
5. The livestock blow dryer of claim 4, wherein the filter cartridge is inserted into the filter holding section at a direction perpendicular to an axial direction of the cylindrical blower housing.
6. The livestock blow dryer of claim 5, wherein the filter holding section comprises a slot in an inlet cap member.

7. The livestock blow dryer of claim 1, wherein the air outlet opening of the blower housing includes a nozzle having a conical shape, the nozzle having a hose attaching section.
8. A livestock blow dryer, comprising:
 - a blower housing having an air inlet opening and an air outlet opening;
 - at least one blower motor within the blower housing for blowing air through the blower housing, the at least one blower motor having a capacity for blow drying livestock; and
 - a nozzle adapted to cover the air outlet opening, the nozzle having a wide end and a narrow end, the wide end attached to the blower housing, the narrow end pointing away from the blower housing.
9. The livestock blow dryer of claim 8, wherein the narrow end of the nozzle has an attaching section for attaching a hose to the nozzle.
10. The livestock blow dryer of claim 8, wherein the blower housing has a substantially cylindrical shape.
11. The livestock blow dryer of claim 8, wherein the nozzle has a substantially frusto-conical shape.
12. The livestock blow dryer of claim 11, wherein the nozzle has an approximately 95 degree internal angle.
13. The livestock blow dryer of claim 8, further comprising a heating element mounted within the blower housing, and a plurality of W-shaped legs.
14. The livestock blow dryer of claim 8, further comprising:

a handle attached to the blower housing for carrying the livestock blow dryer;

a plurality of legs for setting the livestock blow dryer on a surface; and

wherein the narrow end of the nozzle has an attaching section for attaching a hose to the nozzle, and the frusto-conical shape has an approximately 95 degree internal angle.

15. The livestock blow dryer of claim 14, further comprising a filter holding section, and an air filter cartridge adapted to be inserted into the filter holding section.

16. A livestock blow dryer, comprising:

- a cylindrical blower housing having an inlet opening and an outlet opening;
- at least one blower motor for blowing air through the outlet opening;
- a conically shaped nozzle attached to the outlet opening for permitting air flow out of the blower housing;
- a filter holding section proximate to the inlet opening; and
- a filter cartridge removably mounted within the filter holding section, the filter cartridge for filtering air coming into the inlet opening.

17. The livestock blow dryer of claim 16, wherein the filter cartridge comprises:

- a circular, outer perimeter section having a tab for removing the filter cartridge from the filter holding section; and
- a filter section within the outer perimeter section.

18. The livestock blow dryer of claim 17, wherein the filter cartridge has approximately the same diameter as the blower housing.

19. The livestock blow dryer of claim 18, further comprising an inlet cap member having an opening permitting passage of air, the inlet cap member includes a screen covering the opening, and wherein the filter holding section comprises a slot in the inlet cap member.
20. The livestock blow dryer of claim 19, further comprising a heating element mounted within the blower housing for heating the air; a plurality of legs attached to the blower housing for setting the livestock blow dryer on a surface; and wherein the nozzle includes an attaching section for attaching a hose to the nozzle.
21. A filter cartridge for filtering air coming into a cylindrical livestock blow dryer, comprising:
 - a circular, outer perimeter section having a tab for removing the filter cartridge from the livestock blow dryer;
 - a plurality of ribs attached to the outer perimeter section; and
 - a filter section molded to the outer perimeter section and molded to the ribs.
22. The filter cartridge of claim 21, wherein the outer perimeter section has approximately the same diameter as the livestock blow dryer.
23. The filter cartridge of claim 21, wherein the outer perimeter section includes a pair of notches for supporting the filter cartridge when the filter cartridge is mounted within the livestock blow dryer.